

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A polymer battery ~~having comprising~~ at least one layer of a positive electrode, at least one layer of a polymer electrolyte retained by a separator, and at least one layer of a negative electrode, each of which is in a thin film form, stacked flat in this order, wherein ~~stacked flat the entirety of the an outer peripheries-periphery of~~ the separator and ~~an outer periphery of~~ the negative electrode ~~is-are positioned entirely outside of the an~~ outer periphery of the positive electrode except for a collector tab ~~(4)~~ provided ~~to-for~~ the positive electrode so as to protrude from one side of the positive electrode, and wherein the following relationship is satisfied in a portion of the outer peripheries of the separator and of the negative electrode: ~~the length a distance D1~~ between ~~the an~~ end of the negative electrode and ~~the an~~ end of the positive electrode ~~(D1)~~ >is greater than the length a distance D2 between the end of the negative electrode and ~~the an~~ end of the separator ~~(D2)~~.

2. (Currently Amended) The polymer battery according to claim 1, wherein the ~~length distance D2~~ between the end of the negative electrode and the end of the separator ~~(D2)~~ is set at a value which is 20% or less of the ~~length distance D1~~ between the end of the negative electrode and the end of positive electrode ~~(D1)~~.

3. (Currently Amended) The polymer battery according to claim 1, wherein ~~the~~ two sides of the positive electrode are provided with polymer electrolytes, respectively, retained by separators, and at least portions of the separators are linked to each other.

4. (Currently Amended) The polymer battery according to claim 1, wherein the positive electrode and the negative electrode are in rectangular forms, each of which is provided with a collector tab protruding from one side thereof, and the following relationship is satisfied in a side next to the side on which the collector tab ~~(4)~~ is formed: the ~~length-distance D1~~ between the end of the negative electrode and the end of the positive electrode ~~(D1)~~ is greater than the length distance D2 between the end of negative electrode and the end of the separator ~~(D2)~~.

5. (Withdrawn) A manufacturing method for a polymer battery having at least one layer of a positive electrode, at least one layer of a polymer electrolyte retained by a separator and at least one layer of a negative electrode, each of which is in a thin film form, stacked in this order, the method comprising the steps of:

processing the positive electrode, the separator and the negative electrode such that the entirety of the outer peripheries of the separator and the negative electrode is positioned outside of the outer periphery of the positive electrode except for a collector tab (4), which is provided to the positive electrode so as to protrude from one side of the positive electrode, at the time when the positive electrode, the separator and the negative electrode are stacked; and

using jigs having means for determining the positions of electrodes in at least two places and, thereby, stacking the positive electrode, the polymer electrolyte retained by the separator and the negative electrode so as to satisfy the following relationship in a portion of the outer peripheries of the separator and of the negative electrode: the length between the end of the negative electrode and the end of the positive electrode (D1) > the length between the end of the negative electrode and the end of the separator (D2).

6. (Withdrawn) The method according to claim 5, wherein the separator, the positive electrode and the polymer electrolyte are integrated by means of polymerization/crosslinking before the positive electrode, the separator and the negative electrode are stacked.

7. (New) The polymer battery according to claim 1, wherein a size of the positive electrode and a size of the negative electrode are chosen whereby lithium does not deposit on a metal portion of a negative electrode collector which is exposed from the end of the negative electrode.

8. (New) A polymer battery comprising at least one layer of a positive electrode, at least one layer of a polymer electrolyte retained by a separator, and at least one layer of a negative electrode, each of which is in a thin film form, stacked flat in this order,

wherein the positive electrode and the negative electrode are in rectangular forms, each of which is provided with a collector tab protruding from one side thereof;

wherein stacked flat an outer periphery of the separator and an outer periphery of the negative electrode are positioned entirely outside an outer periphery of the positive electrode except for the collector tab, and

wherein the following relationship is satisfied in a portion of the outer peripheries of the separator and of the negative electrode in a side next to the side on which the collector tab is formed: a distance D1 between an end of the negative electrode and an end of the positive electrode is greater than a distance D2 between the end of the negative electrode and an end of the separator.

9. (New) The stacked type polymer battery according to claim 8, wherein the distance D2 between the end of the negative electrode and the end of the separator is set at a value which is 20% or less of the distance D1 between the end of the negative electrode and the end of positive electrode.

10. (New) The stacked type polymer battery according to claim 8, wherein two sides of the positive electrode are provided with polymer electrolytes, respectively, retained by separators, and at least portions of the separators are linked to each other.

11. (New) The stacked type polymer battery according to claim 8, wherein a size of the positive electrode and a size of the negative electrode are chosen whereby lithium does not deposit on a metal portion of a negative electrode collector which is exposed from the end of the negative electrode.